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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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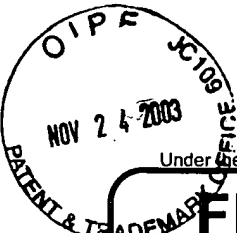
<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	<b>Application Number</b>	10/686,984
	<b>Filing Date</b>	Oct 16, 2003
	<b>First Named Inventor</b>	Newell
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	
<b>Total Number of Pages in This Submission</b>		<b>Attorney Docket Number</b> MS1-104USC1

<b>ENCLOSURES (check all that apply)</b>		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<b>Remarks</b>	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>	
Firm or Individual name	David S. Thompson, Reg. No. 37,954
Signature	
Date	11-20-03

<b>CERTIFICATE OF MAILING</b>			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 11/20/03			
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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 0.00

## Complete if Known

Application Number 10/686,984  
Filing Date Oct 16, 2003  
First Named Inventor Newell  
Examiner Name  
Art Unit  
Attorney Docket No. MS1-104USC1

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number  
Deposit Account Name

12-0769

Lee & Hayes, PLLC

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

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## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ ) 0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 0.00

## SUBMITTED BY

Name (Print/Type) David S. Thompson

Registration No. 37,954  
(Attorney/Agent)

(Complete (if applicable))

Telephone (509) 324-9256

Signature

Date

11-20-03

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. ....10/686,984  
Filing Date .....Oct 16, 2003  
Inventorship ..... Newell  
Applicant ..... Microsoft Corporation  
Attorney's Docket No. ....MS1-104USC1  
Title: Query-Based Electronic Program Guide

**INFORMATION DISCLOSURE STATEMENT**

*References -- See Attached Form PTO-1449*

**REMARKS**

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully Submitted,

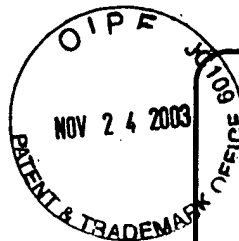
Date: 11-20-03

By: David S. Thompson

David S. Thompson

Reg. No. 37,954

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 5

### Complete if Known

Application Number	10/686,984
Filing Date	Oct. 16, 2003
First Named Inventor	Robarts
Group Art Unit	
Examiner Name	
Attorney Docket Number	MS1-104USC1

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document <sup>2</sup> MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		4,081,754		Jackson	03-28-1978	
		4,203,130		Doumit et al.	05-13-1980	
		4,228,543		Jackson	10-14-1980	
		4,694,490		Harvey et al.	09-15-1987	
		4,704,725		Harvey et al.	11-03-1987	
		4,706,121		Young	11-10-1987	
		4,751,578		Reiter et al.	06-14-1988	
		4,908,713		Levine	03-13-1990	
		4,977,455		Young	12-11-1990	
		5,038,211		Hallenbeck	08-06-1991	
		5,068,734		Beery	11-26-1991	
		5,151,789		Young	09-29-1992	
		5,223,924		Strubbe	06-29-1993	
		5,233,654		Harvey et al.	08-03-1993	
		5,307,173		Yuen et al.	04-26-1994	
		5,335,079		Yuen et al.	08-02-1994	
		5,335,277		Harvey et al.	08-02-1994	
		5,353,121		Young et al.	10-04-1994	
		5,382,983		Kwoh et al.	01-17-1995	
		5,394,163		Bullen et al.	02-28-1995	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
			EP 0 758 833 A2		Eyer et al.	02-19-1997		
			EP 0 758 833 A3		Eyer et al.	10-22-1997		
			EP 0 705 036 A2		Yoshinobu et al.	04-03-1996		
			EP 0 774 866 A2		Reynolds et al.	05-21-1997		
			EP 0 735 749 A2		Elck et al.	10-02-1996		
			EP 0 854 645 A2		Killian	07-22-1998		
			EP 0 774 868 A1		Maze et al.	05-21-1997		
			EP 0 723 369 A1		Nederlof	07-24-1996		
			EP 0 757 485 A2		Ichihashi et al.	02-05-1997		
			EP 0 721 253 A2		Noguchi et al.	07-10-1996		

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO			<b>Compleat if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			Application Number	10/686,984	
			Filing Date	Oct. 16, 2003	
			First Named Inventor	Robarts	
			Group Art Unit		
			Examiner Name		
Sheet	2	of	5	Attorney Docket Number	MS1-104USC1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,410,344		Graves et al.	04-25-1995	
		5,479,266		Young et al.	12-26-1995	
		5,479,268		Young et al.	12-26-1995	
		5,532,754		Young et al.	07-02-1996	
		5,541,662		Adams et al.	07-30-1996	
		5,552,833		Henmi et al.	09-03-1996	
		5,563,648		Menand et al.	10-08-1996	
		5,570,126		Blahut et al.	10-29-1996	
		5,572,643		Judson	11-05-1996	
		5,583,576		Perlman et al.	12-10-1996	
		5,585,865		Amano et al.	12-17-1996	
		5,585,866		Miller et al.	12-17-1996	
		5,589,892		Knee et al.	12-31-1996	
		5,594,228		Swartz et al.	01-14-1997	
		5,594,509		Florin et al.	01-14-1997	
		5,604,542		Dedrick	02-18-1997	
		5,606,691		Watts et al.	02-25-1997	
		5,617,565		Augenbraun et al.	04-01-1997	
		5,623,613		Rowe et al.	04-22-1997	
		5,629,733		Youman et al.	05-13-1997	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
			WO 97/46011		Wakisaka et al.	12-04-1997		
			WO 94/14284		Hendricks et al.	06-23-1994		
			WO 97/02702		Kretz	01-23-1997		
			WO 96/17473		Youman	06-06-1996		
			WO 97/30546		Rothmuller	08-21-1997		
			WO 97/48230		Schein et al.	12-18-1997		
			WO 98/43183		Legall et al.	10-01-1998		

Examiner Signature		Date Considered	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>	
	Application Number	10/686,984		
	Filing Date	Oct. 16, 2003		
	First Named Inventor	Robarts		
	Group Art Unit			
	Examiner Name			
Sheet	3	of	5	Attorney Docket Number
				MS1-104USC1

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,635,989		Rothmuller	06-03-1997	
		5,657,091		Bertram	08-12-1997	
		5,675,390		Schindler et al.	10-07-1997	
		5,682,511		Sposato et al.	10-28-1997	
		5,687,331		Volk et al.	11-11-1997	
		5,689,799		Dougherty et al.	11-18-1997	
		5,694,163		Harrison	12-02-1997	
		5,708,845		Wistendahl et al.	01-13-1998	
		5,724,424		Gifford	03-03-1998	
		5,734,413		Lappington et al.	03-31-1998	
		5,737,560		Yohanan	04-07-1998	
		5,751,282		Girard et al.	05-12-1998	
		5,758,259		Lawler	05-26-1998	
		5,761,606		Wolzien	06-02-1998	
		5,774,664		Hidary et al.	06-30-1998	
		5,774,666		Portuesi	06-30-1998	
		5,778,181		Hidary et al.	07-07-1998	
		5,781,228		Sposato	07-14-1998	
		5,781,246		Alten et al.	07-14-1998	
		5,801,747		Bedard	09-01-1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

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Substitute for form 1449B/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 5 of 5

## **Complete if Known**

Application Number	10/686,984
Filing Date	Oct. 16, 2003
First Named Inventor	Robarts
Group Art Unit	
Examiner Name	
Attorney Docket Number	MS1-104USC1

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		PR Newswire, "Iguide Debuts TV Guide Online Centerpiece", March, 1996, 1 page	
		Eric Schmuckler et al., "A marriage that's made in cyberspace. (television networks pursue links with online information services)", May 16, 1994, MEDIAWEEK, 4 pages.	
		"Prodigy launches interactive TV listing", April 22, 1994, Public Broadcasting Report, abstract.	
		"Prodigy offers total television online guide", April 12, 1994, Media Daily, abstract.	
		"Prodigy launched interactive TV listing service on computer network", April 12, 1994, Communications Daily, abstract.	
		Untitled Article, April 18, 1994, Television Digest, abstract.	
		"Intercast Industry Group Web Page", retrieved from World Wide Web at web site URL www.intercast.org.	
		Mark Berniker, "TV Guide' going online", Broadcasting & Cable, June, 1994, 2 pages.	
		Robert Cowart, "Mastering Windows 3.1 Special Edition", 1993, pages 84-87.	

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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